



## Radial Blade Direct-Drive Blowers

- Housing can be rotated to 8 discharge positions in each rotation
- Welded 16-ga. steel housing and base
- Gray baked-on epoxy finish
- Max. inlet air temp.: 180°F
- Max. ambient: 104°F

Self-cleaning, cast-aluminum wheel can be used to convey stringy or straw-like material and is perfectly balanced and aligned. Units are built for CW rotation and bottom horizontal discharge, but can easily be converted to CCW rotation by removing and remounting housing opposite of standard. Nos. 2C862 to 2C864 have 4 mounting points. Nos. 4C217 and 4C121 have 6 mounting points. Motor packed separately when ordered with blower. For exhaust systems where air contains dirt, lint, dust, and other lightweight foreign material.

**WARNING: Not intended for use where flammable or explosive gases, vapors, or dust are present.**

Note: Review OSHA Codes. OSHA complying guards are required where fan blades are exposed and within reach of personnel.

The A weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown for blowers are for (inlet Lwi) sound levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction.



**Blower With Motor**

Wheel Dia. (in.)	CFM Air Delivery @ Static Pressure Shown	Blower RPM	Motor HP	dBA @ 5 Feet †	Open Dripproof, 115/230V, 1-Phase Item No.	Totally Enclosed Fan-Cooled, 115/230V, 1-Phase Item No.	Blower With Motor Open Dripproof, 230/460V, 3-Phase Item No.	Totally Enclosed Fan-Cooled, 230/460V, 3-Phase Item No.	Blower Without Motor Item No.
0.0" 0.250" 0.500" 0.750" 1.000" 1.500" 2.000"									
7 3/4	533 448 334 93 — — —	1725	1/8	64	7C552	7AT78	—	2RXL5	2C862 ✓
9	909 788 655 462 — — —	1725	1/4	69	7C553	7AT79	7AT80	2RXL6	2C863 ✓
10 1/8	1593 1457 1309 1134 916 97	1725	3/4	75	7C554	7AT81	7C720	2RXL7	2C864 ✓
12 1/2	2461 2331 2179 2007 1807 1252 166	1725	1 1/2	79	7C555	7AT83	7C556	2RXL8	4C217 ✓
13 1/2	3393 3221 3046 2863 2664 2164 1181	1725	2	81	—	7AT85	7C639	2RXL9	4C121 ✓

† Values shown are estimated sound pressure levels. \* 115V only.

## Radial Blade High-Pressure Direct-Drive Blowers

- Housing can be rotated to 8 discharge positions in each rotation
  - Max. inlet air temp.: 180°F
  - Max. ambient: 104°F
- Paddle-type, self-cleaning, die-cast wheels rotate clockwise and are precision balanced for top performance. Bottom horizontal

discharge. Great for small-ducted dust exhaust systems and wherever dust collection bags are necessary. For proper installation, floor-mount vibration isolators (No. 4C875, page 2983) are recommended as follows: For steel models, order 4 vibration isolators for all except No. 4C330, (order 6 vibration isolators for No. 4C330).

For stainless steel models, order 4 vibration isolators for all except No. 45J503, (order 6 vibration isolators for No. 45J503). For aluminum models, order 4 vibration isolators for all except No. 45J509, (order 6 vibration isolators for No. 45J509).

**WARNING: Not intended for use where flammable or explosive gases, vapors, or dust are present.**

**# Motor overload will result if blower is operated at static pressure below performance shown.**

Note: Review OSHA Codes. OSHA complying guards are required when fan blades are exposed and within reach of personnel.

The A weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown for blowers are for (inlet Lwi) sound levels for: Installation Type B: free inlet, ducted outlet. Ratings do not include the effects of duct end correction.



**Blower without Motor**

Wheel Dia. (in.)	Shaft Dia. (in.)	CFM @ Static Pressure Shown, 3450 RPM	Blower RPM	Motor HP	dBA @ 5 Feet †	Totally Enclosed, 115/230V, 1-Phase Item No.	Totally Enclosed, 230/460V, 3-Phase Item No.	Blower With Motor Open Dripproof, 115/230V, 1-Phase Item No.	Blower With Motor Open Dripproof, 230/460V, 3-Phase Item No.	Blower Without Motor Item No.
1" 2" 3" 4" 5" 6" 7" 8"										
<b>Assembled, Welded 16-ga. Steel Housing, Gray Baked-on Epoxy Finish</b>										
7 3/4	1/2	256 216 165 70 — — —	—	—	3500 1/2 74	48LX10	✓ 48LX11	✓ —	—	— ✓
8 1/8	3/4	445 399 346 282 195 — — —	—	—	3500 3/4 77	48LX12	✓ 48LX13	✓ —	—	— ✓
10 1/8	1	746 692 635 575 508 431 329	—	—	3500 1 84	48LX14	✓ 48LX15	✓ —	—	— ✓
12 1/2	1 1/4	1145 1090 1033 974 911 842 765	672	3500	3 90	—	—	48LX16	✓ —	— ✓
13 1/2	1 1/2	2037 1952 1866 1777 1685 1587 1482	1367	3500	5 92	—	—	48LX17	✓ —	— ✓
<b>Unassembled, Welded 16-ga. Steel Housing, Gray Baked-on Epoxy Finish</b>										
7 3/4	1/2	252 210 157 — — —	—	—	3450 1/2 74	7DA78	7DA79	7DA77	7DA78	45J497 ✓
9	3/4	391 336 270 173 — — —	—	—	3450 3/4 77	7DA80	7DA81	7DA79	7DA80	45J498 ✓
10 1/8	1	437 391 336 270 173 — — —	—	—	3450 1 84	7E253	7AT92	7E252	7AT91	6YG63 ✓
12 1/2	1 1/4	734 679 621 559 491 410 297	—	—	3450 1 84	7AT93	7AT95	7C447	7AT94	4C108 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3475	3 90	—	7AT97	7AT96	7D751	4C108 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3475	3 90	—	7AT98	7C561	7C562	4C329 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3475	3 90	—	7AT99	—	—	6XW69 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3475	3 90	7AU01	7C487	7AU00	7C562	4C330 ✓
13 1/2	1 1/2	2005 1919 1832 1741 1647 1547 1438	1319	3460	7 1/2 92	—	—	—	7D752	4C330 ✓
<b>Unassembled, Welded 16-ga. Stainless Steel Housing</b>										
7 3/4	1/2	252 210 157 — — —	—	—	3450 1/2 74	7DA72	7DA74	7DA71	7DA72	45J497 ✓
9	3/4	391 336 270 173 — — —	—	—	3450 3/4 77	7DA80	7DA82	7DA79	7DA81	45J498 ✓
10 1/8	1	437 391 336 270 173 — — —	—	—	3450 1 84	7DA88	7DA90	7DA87	7DA89	45J499 ✓
12 1/2	1 1/4	734 679 621 559 491 410 297	—	—	3450 1 84	—	7DC01	—	7DA95	45J501 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DA99	7DA96	7DA98	45J501 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	—	—	—	45J501 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DC00	—	—	45J501 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DC09	7DC10	7DC10	45J502 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DC17	7DC17	7DC20	45J503 ✓
<b>Unassembled, Welded Aluminum Housing</b>										
7 3/4	1/2	252 210 157 — — —	—	—	3450 1/2 74	7DA76	7DA78	7DA75	7DA77	45J504 ✓
9	3/4	391 336 270 173 — — —	—	—	3450 3/4 77	7DA86	7DA86	7DA83	7DA85	45J505 ✓
10 1/8	1	437 391 336 270 173 — — —	—	—	3450 1 84	7DA92	7DA94	7DA91	7DA93	45J506 ✓
12 1/2	1 1/4	734 679 621 559 491 410 297	—	—	3450 1 84	—	7DC08	—	7DC02	45J507 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DC06	7DC03	7DC05	45J507 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DC04	—	—	45J507 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	—	7DC07	—	45J507 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DC13	7DC14	7DC14	45J508 ✓
13 1/2	1 1/2	1127 1071 1014 953 888 817 736	638	3450	3 90	—	7DC23	7DC22	7DC25	45J509 ✓

# Motor overload will result if blower is operated at static pressure below performance shown. † Values shown are estimated sound pressure levels. \* 230V only.

\*\* Replacement blower wheel No. 22B44 is for use with No. 2C820; No. 45J464 is for use with No. 6YG63.